



TITLE: METHOD AND SYSTEM FOR PREDICTIVE TABLE LOOK-UP OF CODE LENGTH OF
VARIABLE LENGTH CODE

INVENTOR: Amellia Luna and Jason Naxin Wang

USSN: 09/933,599 ATTORNEY DOCKET #: Sony-50P3843.01

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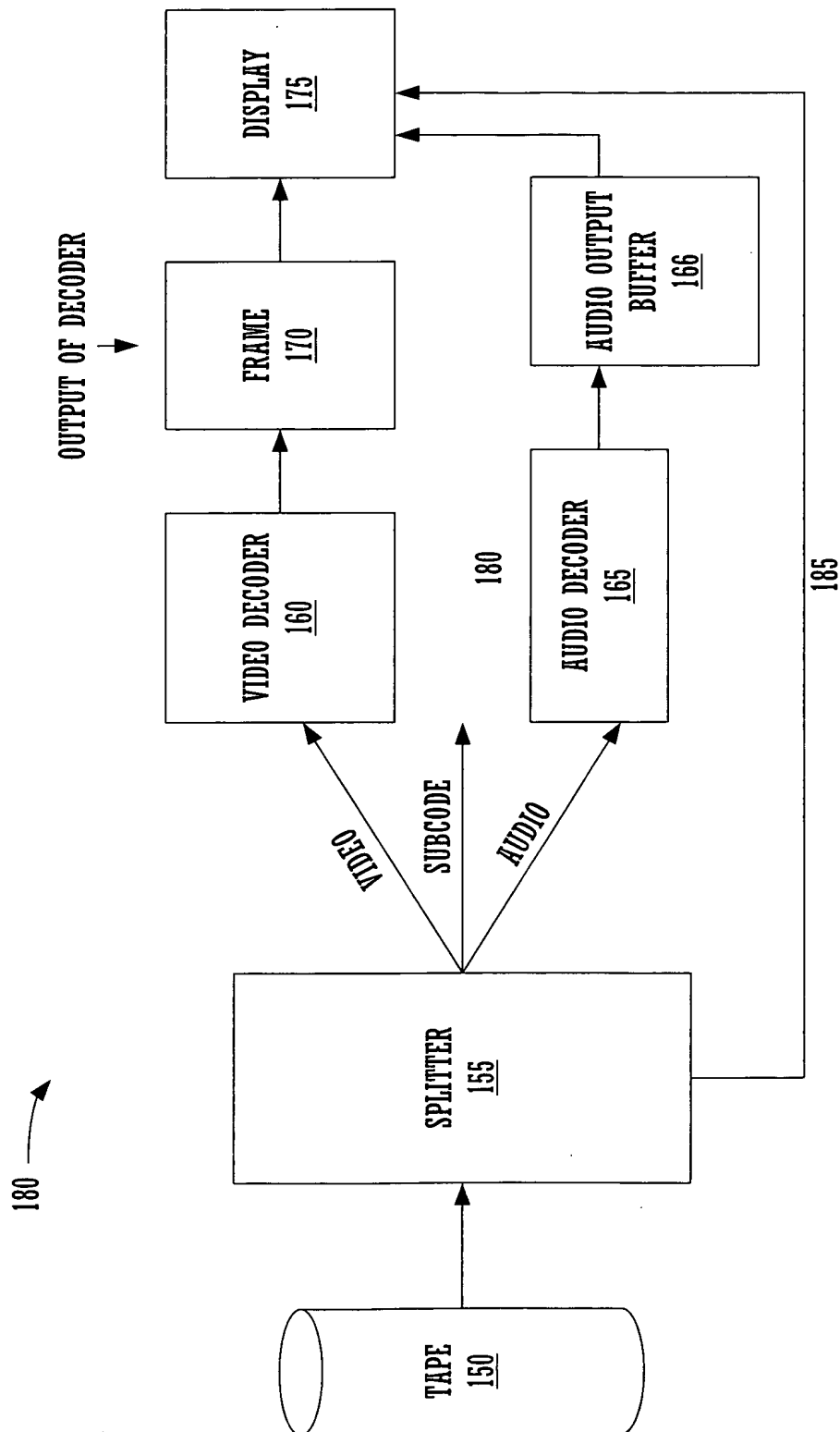


FIGURE 1



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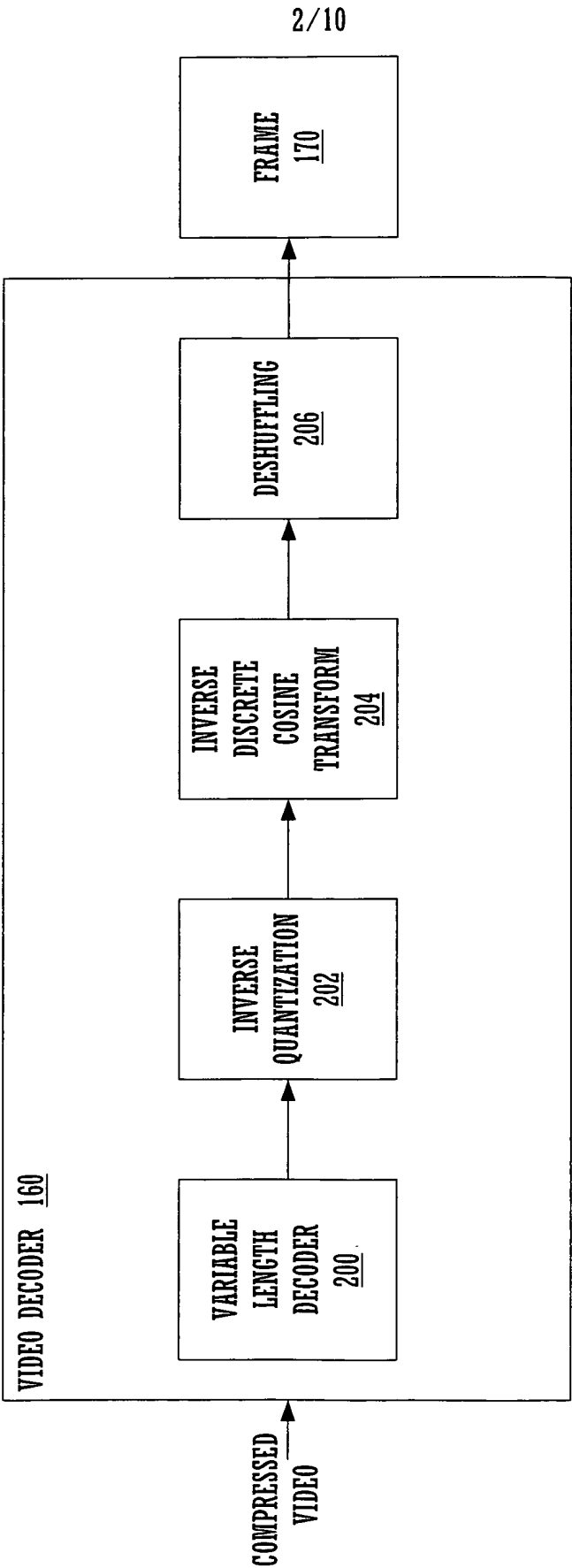


FIGURE 2



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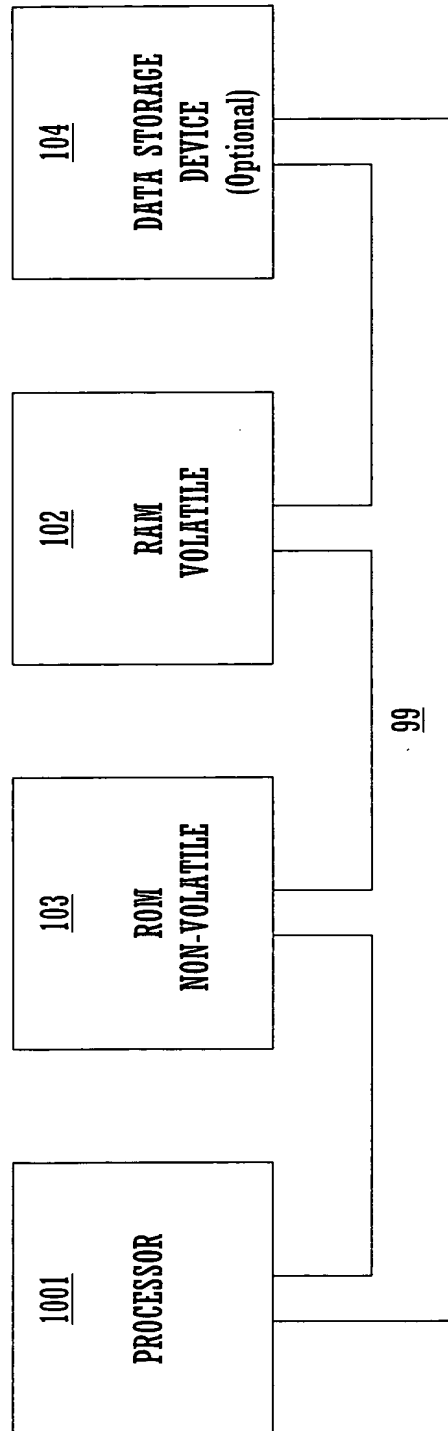


FIGURE 3



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CODE	LENGTH	VALUE
0 0 0	3	0, 1
0 1 0 0	4	0, 2
0 1 1 0	4	-
0 1 1 1 0	5	1, 1
1 0 0 0 0	5	0, 3
1 0 0 1 0	5	0, 4
1 0 1 0 0 0	6	2, 1
1 0 1 0 1 0	6	1, 2
1 0 1 1 0 0	6	0, 5
1 0 1 1 1 0	6	0, 6

FIGURE 4A



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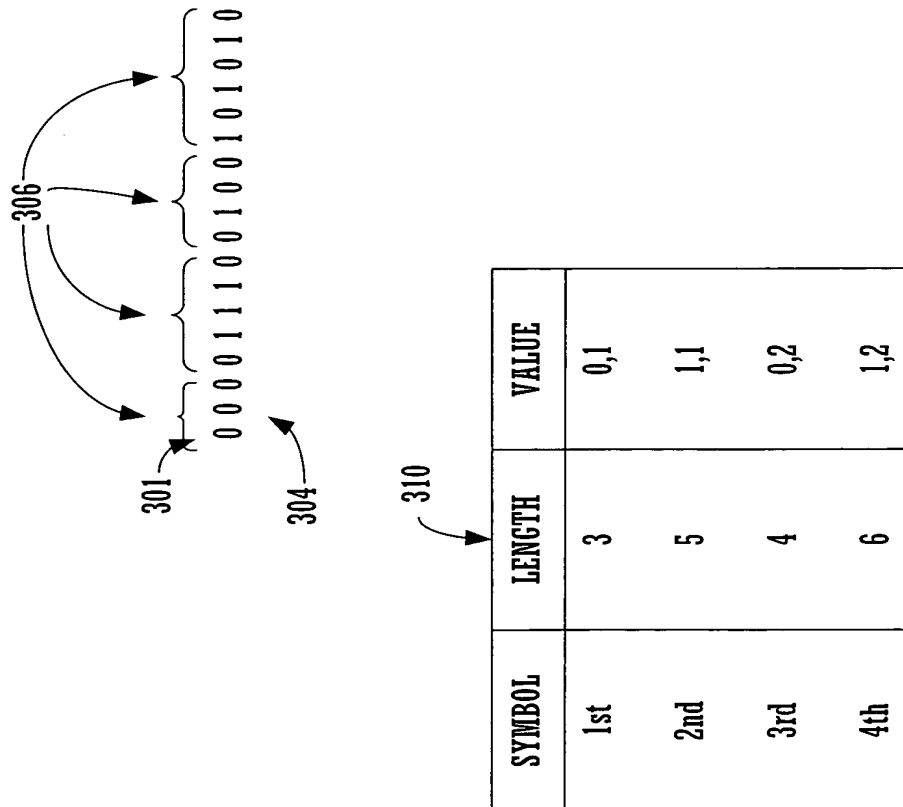


FIGURE 4B



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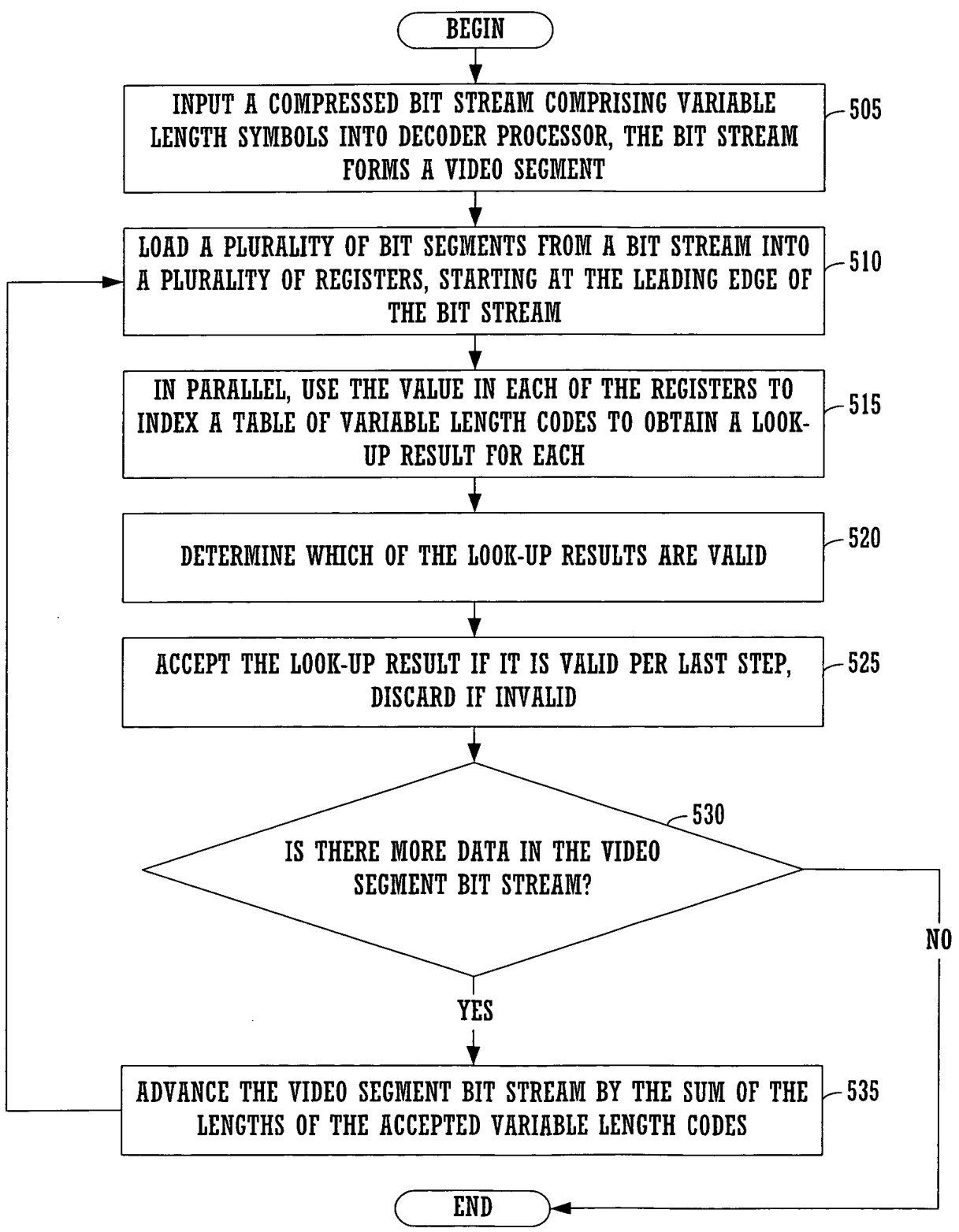


FIGURE 5



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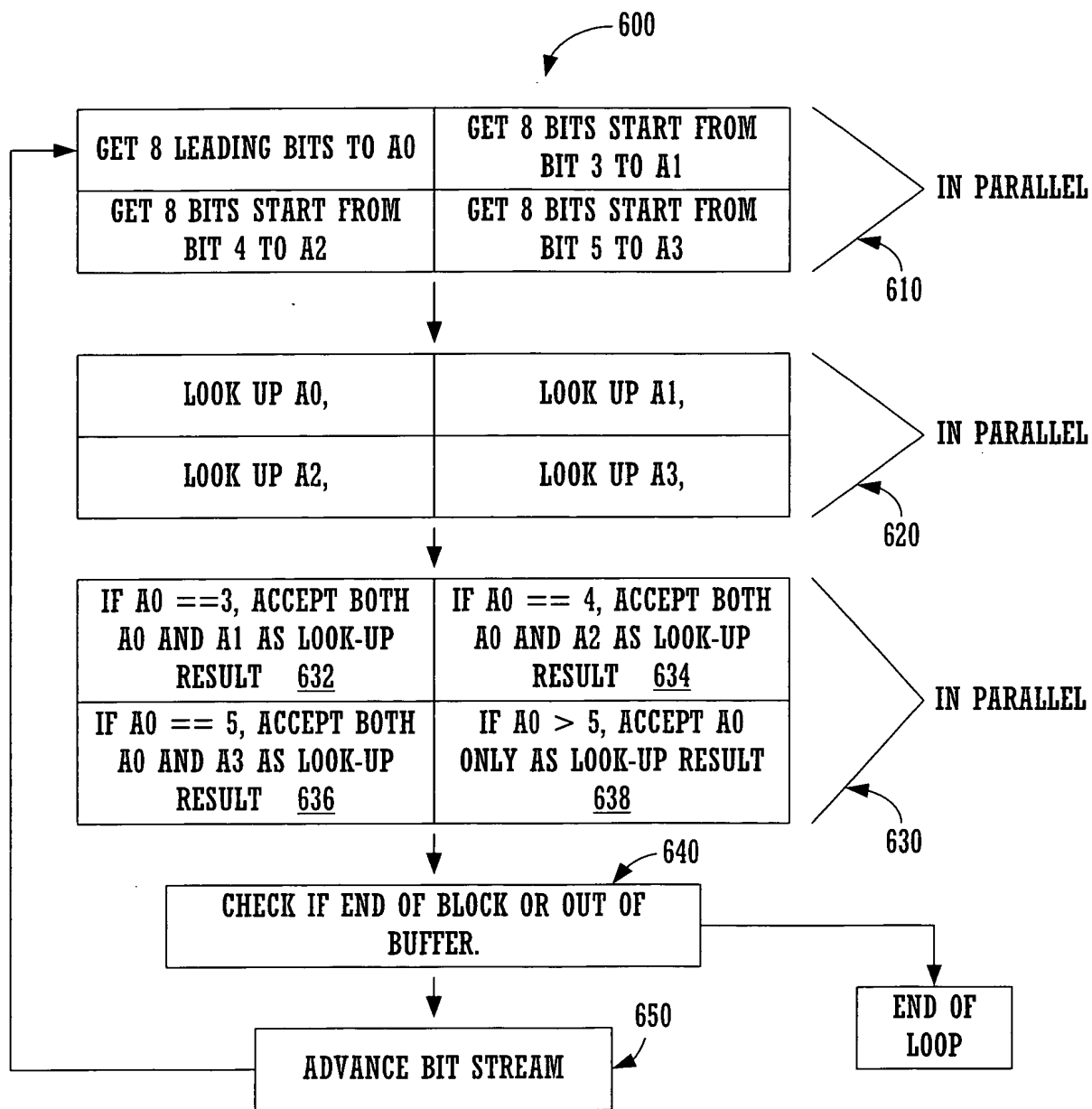


FIGURE 6A



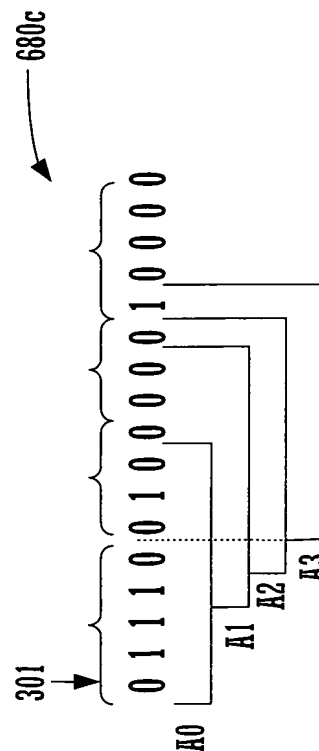
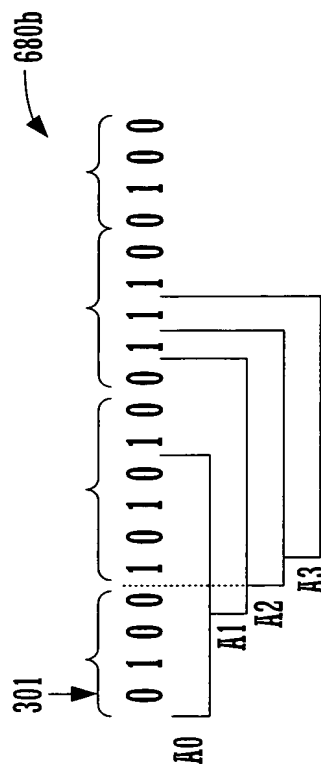
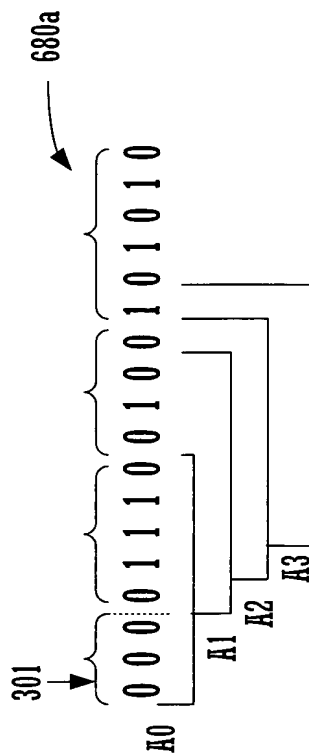
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CODE	LENGTH	VALUE
0 0 0	3	0, 1
0 1 0 0	4	0, 2
0 1 1 0	4	-
0 1 1 1 0	5	1, 1
1 0 0 0 0	5	0, 3
1 0 0 1 0	5	0, 4
1 0 1 0 0 0	6	2, 1
1 0 1 0 1 0	6	1, 2
1 0 1 1 0 0	6	0, 5
1 0 1 1 1 0	6	0, 6



680 → 000011100100101001110010000010000

FIGURE 6B



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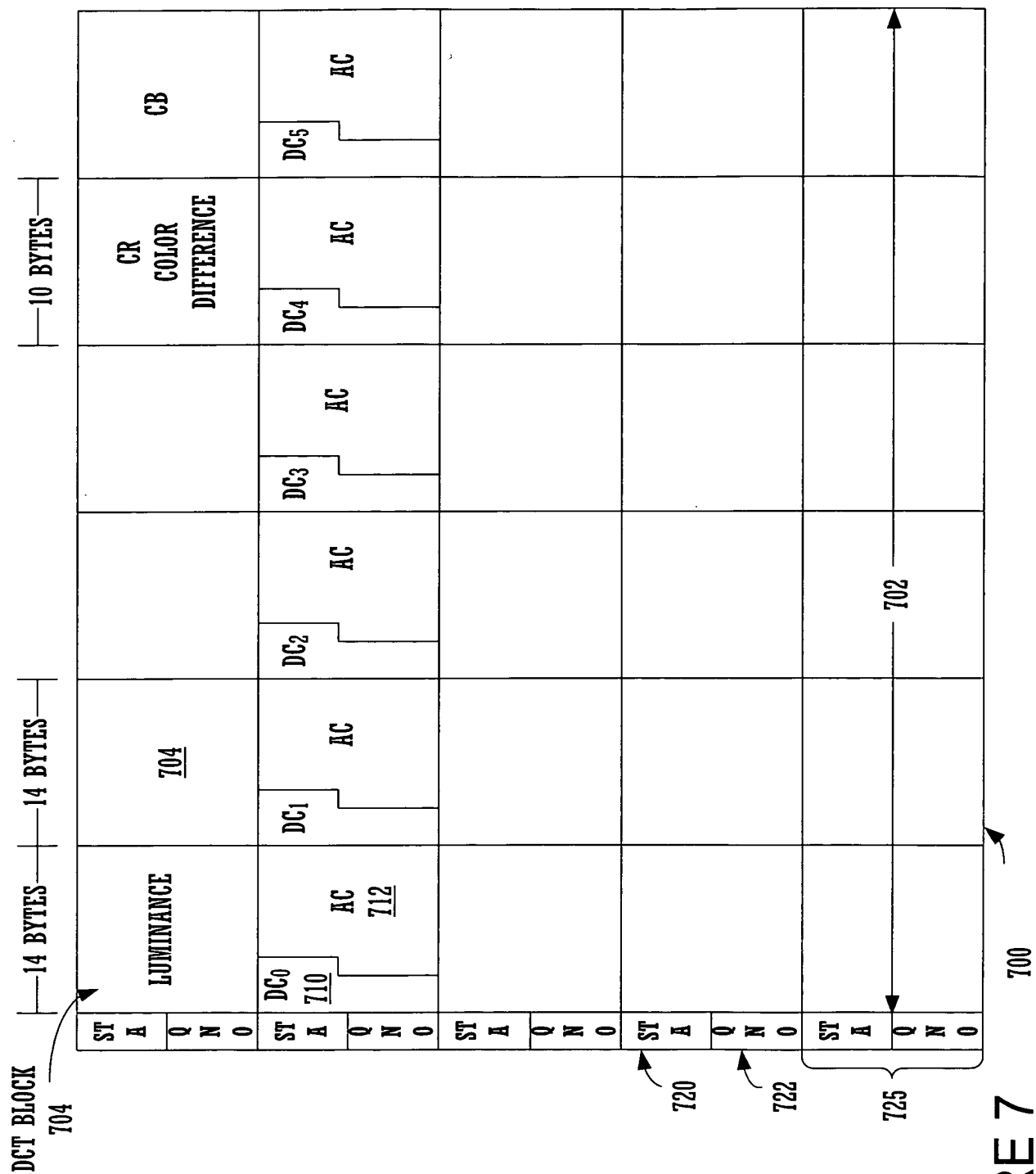


FIGURE 7

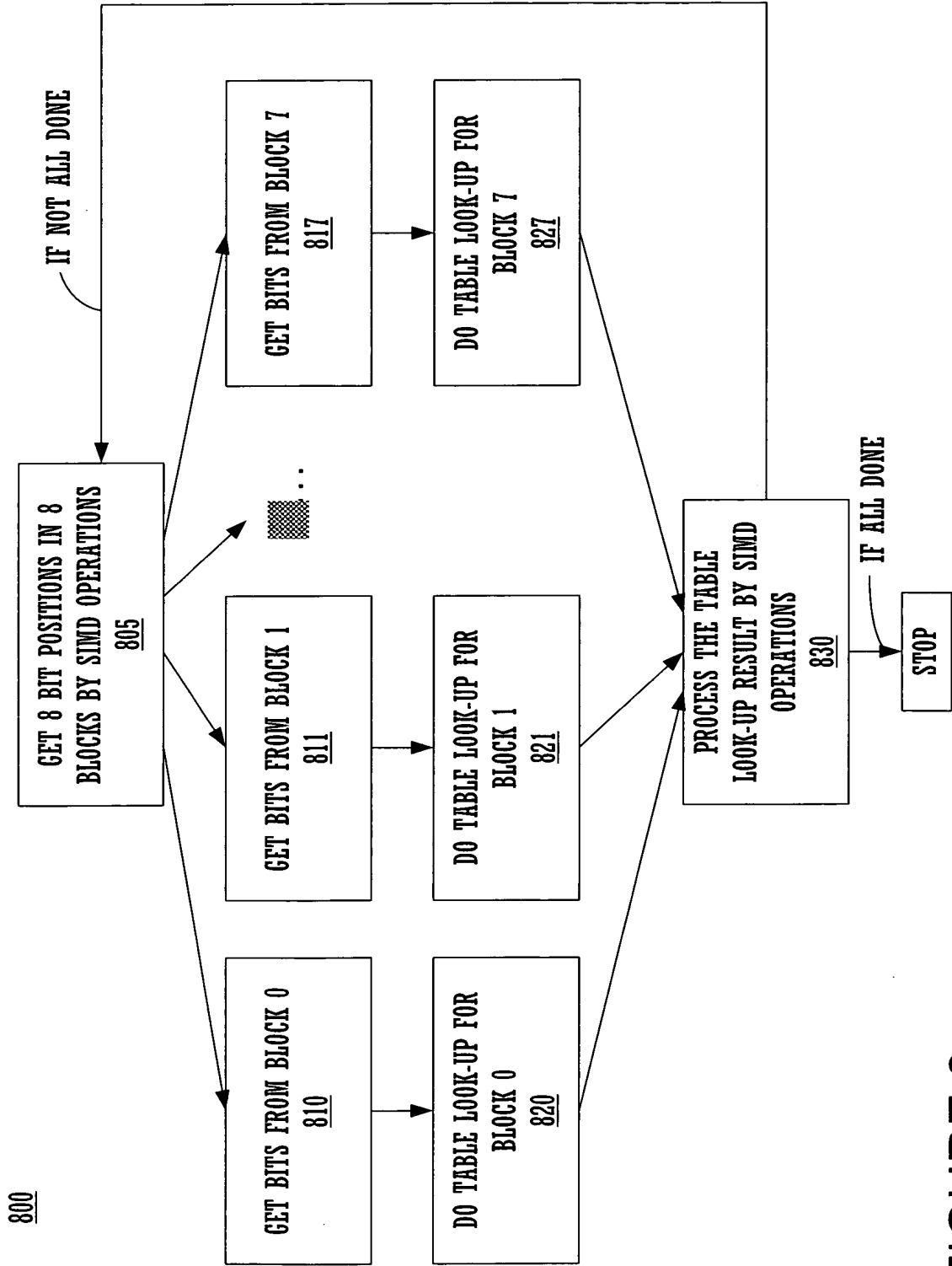


FIGURE 8